

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: n0ihm@starpoinet.net (Wesley R. Jenson)
Subject: [3451] Ade Weiss' Joy
Message-ID: <199609012335.SAA25000@info.starpoinet.net>

Saw the question by Dan N7CQR on Ade Weiss' book, "Joy of QRP" and thought

I would give the address for him. I got the newest one, which has been the same for a while, from my issue of "hambrew" magazine, (which, by the way, I have NEVER seen mentioned in this group at all, and, according the publisher, is close to ending unless there are major changes in publishing or ownership) Dan was lucky on getting "Joy of QRP", I'd like a copy too.

Ade Weiss K8EFG/W0RSP has "History of QRP in the U.S. 1924-1960" for sale yet for \$12/1st class (\$10 senior citizen) To: Ade Weiss, 526 N. Dakota St., Vermillion, SD 57069.

The home page for "hambrew" is <http://www.qadas.com/hambrew>

73, Wes N0IHM ARCI #7579 QRP-L #566

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [3439] ARRL BULLETIN BOARD SYSTEM
Message-ID: <19960901.061133.4583.1.n4so@juno.com>

I CHECKED INTO THE LEAGUE'S COMPUTER BULLETIN BOARD BY CALLING
1 203 666-0578 AND CHECKED FOR QRP ARTICLES.

QRP-INFO.TXT

Info from K5FO on QRP ARCI and the Michigan QRP Club and general info on QRP.

QRP.TXT

QST ARTICLE BIBLIOGRAPHY - QRP - Articles in QST on low power
Articles are from 1980 to 1993. Yes it needs updatng.

QRPRIGS.TXT

Same out of date text file that I have since updated and posted to Mike Tracy at
ARRL (mtracy@arrl.org).

N4SO
KEN

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [3435] Charger for gel cells
Message-ID: <1.5.4.32.19960901020054.00669d74@postoffice.worldnet.att.net>

All this talk about charging gel cells has gotten me in the mood to haul out my old cells & see if I can do anything with them. They are Johnson Control Globe Dynasty JC cells, model # JC6100, 6 volt at 10.0 ah (in case anyone has any specific stats for them). I found them around 5 or 6 years ago in a scrap metal dumpster in a shipyard. They are in excellent physical shape, but actual age is unknown. A couple of questions thrown to the crowd:

1. They've been dead since I found them, and I haven't attempted to charge them. Any hope for more life out of them?
2. If so, All Electronics sells Ni-Cad charger wall warts rated at 6 volts, 400 mA. They specifically state that this is a max rating, and current will taper off as the max voltages are approached. Is this good enough to charge them (even slowly)? The price is right at only \$1.50.

I recall an earlier posting that the optimum charge for gel cells is 1/10th the AH rating, which in this case would be 1 amp. Will these smaller chargers still work, without compromising future battery capacity or life?

In case anyone is interested, All Electronics also sells some gel cells. I don't think the prices are that great, but I could be wrong. They list a 12 volt, 9 AH for \$28.50, weighing 8 lbs. Also, a 12 volt 3 AH for \$15.00, no weight listed but about 5"x2.5"x2". They also have 2 volt 5 AH (used) Gates Cyclon X cells (1.7" dia. x 2.8" high) for \$3.25 each.

No connection with All Electronics, just reading their catalog. Their # is 1-800-826-5432, with no minimum order, and (I believe) a set \$5 shipping per order - a pretty good deal for heavy batteries.

73,
mike KD0FX
Richland WA QRP-L #576

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: QRP <qrp@earthlink.net>
Subject: [3453] F.S. TenTec 509, 544,540, 525
Message-ID: <322A29D7.2089@earthlink.net>

Fall cleaning

TenTec Argosy 525, audio filter, Noise Blanker, SSB IF Filter, Crystal calibrator, mobile mount, mic, manual \$350.00

--

TenTec Triton IV 544 digital, audio filter, manual \$375.00

--

TenTec Argonaut 509, manual \$225

Triton IV 540 Analog, audio filter, noise blanker, crystal filter, 22 amp Power supply with speaker/vox unit(262G), manual \$300

Please e-mail QRP@Earthlink.net

Robert Schnick KA3YJG

MI-QRP #1125 QRP-ARCI #8128 G-QRP #7554 NorCal #1481

Low power enthusiast

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996

From: SNickrand@aol.com

Subject: [3434] Gemini Rabbit (49er Enclosure???)

Message-ID: <960901002912_191978013@emout18.mail.aol.com>

I love garage sales. I pick up junk radios for parts, tin boxes for project enclosures, electronic gadgets etc. Just got a Gemini Rabbit (for 50 cents) and don't know what it is. It would be the ideal case for my 49er (it was going into Altoids before this purchase). It has a front panel power on LED and receiver fine tuning dial--and--rear mounted 8" telescoping ant, on/off switch and tv coax connector--steel case 3.25" X 1.25" X 4.5". The lady who sold it to me said its supposed to improve tv reception, but I tried it and saw no difference. Anybody have any idea what it is, before I waste it???

Speaking of junk radios, I've got a bunch of AM/FM radios I've pulled out the PCB's from. Got to thinking about mounting the 49'er in above box and wanted a better tuning capacitor. Pulled a variable cap out of one of the junk radios and found it to be just 17-130 pF, so I think it will work.

Lastly, I checked every Walmart and even Sams Club and, woefully, the Evansville Indiana area has no Handy Power Systems. Drat.

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996

From: n4so@juno.com (CHARLES K BROWN)

Subject: [3442] JUNO EDITING

Message-ID: <19960901.095313.9183.4.n4so@juno.com>

JUNO EDITINGTWO DIFFERENT WAYS OF EDITING IN JUNO ARE BEING TESTED.CLICK ON FILE AND CLICK ON " PUT MESSAGE IN OUTBOX".NOW YOU CAN CLICK WRITE AND GET READY TO SEND A MSG AND THEN CLICK ON FILE AND RETRIEVE MSG FROM OUTBOX FOR EDITING.METHOD 2.TAKE THE ONSCREEN MSG AND CLICK FILE, " SAVE MESSAGE TO A TEXT FILE",AND GIVE NAME.CLICK WRITE AND MOVE DOWN TO MESSAGE:CLICK FILE AND "INSERT TEXT FILE INTO MESSAGE" THIS BRINGS UP MSG FROM THE TEXT FILE DIR.YOU CAN NOW EDIT MESSAGE--BE SURE TO MAKE CHANGES IN FILE AS "SAVE CHANGES AS TEXT FILE", NOTTHE TOP ONE...USE THE SAME TEXT FILE NAME AND WRITE OVER IT.REPLACE EXITING FILE?YES CLICK YESYOU NOW HAVE IT MODIFIED.BE SURE YOU HAVE SAVED THE NEW EDITED VERSION BEFORE EXITING THESCREEN.FILL IN THE TO: WITH THE ADDRESS AND IT CAN BE REDIRECTED.METHOD 3WORKING WITH DRAFT COPIESCLICK WRITE AND START WITH A CLEAR SCREEN.TYPE IN SUBJECT: DRAFT TEST VERSION THE SUBJECT WILL BE USED TO SELECT YOUR DRAFT VERSION SINCE YOU CAN BE WORKING ON MULTIPLE DRAFT COPIES AND HAVE THEM SAVED WITH DIFFERENT SUBJECT NAMES.CONTROL S AND CONTROL R ARE THE DRAFT COMMANDS.CTRL S SAVES THE DRAFTCTRL R RETRIEVES THE DRAFTTHIS WORKS SIMILAR TO A CLIPBOARD FOR WORKING ON A MESSAGE.N4SO

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [3449] JUNO EDITING
Message-ID: <19960901.144235.4591.4.n4so@juno.com>

From: n4so
Full-Name: CHARLES K BROWN
X-Status: New
X-Mailer: Juno 1.15

JUNO EDITINGTWO DIFFERENT WAYS OF EDITING IN JUNO ARE BEING TESTED.CLICK ON FILE AND CLICK ON " PUT MESSAGE IN OUTBOX".NOW YOU CAN CLICK WRITE AND GET READY TO SEND A MSG AND THEN CLICK ON FILE AND RETRIEVE MSG FROM OUTBOX FOR EDITING.METHOD 2.TAKE THE ONSCREEN MSG AND CLICK FILE, " SAVE MESSAGE TO A TEXT FILE",AND GIVE NAME.CLICK WRITE AND MOVE DOWN TO MESSAGE:CLICK FILE AND "INSERT TEXT FILE INTO MESSAGE" THIS BRINGS UP MSG FROM THE TEXT FILE DIR.YOU CAN NOW EDIT MESSAGE--BE SURE TO MAKE CHANGES IN FILE AS "SAVE CHANGES AS TEXT FILE", NOTTHE TOP ONE...USE THE SAME TEXT FILE NAME AND WRITE OVER IT.REPLACE EXITING FILE?YES CLICK YESYOU NOW HAVE IT MODIFIED.BE SURE YOU HAVE SAVED THE NEW EDITED VERSION BEFORE EXITING THESCREEN.FILL IN THE TO: WITH THE ADDRESS AND IT CAN BE REDIRECTED.METHOD 3WORKING WITH DRAFT COPIESCLICK WRITE AND START WITH A CLEAR SCREEN.TYPE IN SUBJECT: DRAFT TEST VERSIONTHE SUBJECT WILL BE

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AND CONTROL R ARE THE DRAFT COMMANDS.CTRL S SAVES THE DRAFTCTRL R
RETRIEVES THE DRAFTTHIS WORKS SIMILAR TO A CLIPBOARD FOR WORKING ON A
MESSAGE.N4SO

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [3443] keyers
Message-ID: <1.5.4.32.19960901162130.0067cfa4@p3.net>

OK everybody:

Just like Ron, I too am looking for an external keyer. I'm soliciting
comments, likes, dislikes, ideas, thoughts.

Kits? Commercially built? What's the best and the worst and anything in
between, guys?

I am ordering a WBL design V2L set of paddles to go with it, if that makes
any difference as to the choice of keyer.

Many Thanks for any info

73 de Bob, AA3ON

No Code, No HF....Know Code, Know HF!

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: JCoote@aol.com
Subject: [3461] Need callsings list
Message-ID: <960901232627_469973851@emout08.mail.aol.com>

Hi-

I'm looking for a list of 1x2 and 2x1 calls in the 6 area. I don't have a CD
callbook and this modem is too slow for the websites.

I'm trying to see what's been taken so I can file my FCC 610V September.
Would appreciate a list. Please email direct.

Thanks,

Jay WB6AAM
jcoote@aol.com
WB6AAM@K6VE.#SOCA.CA.USA.NOAM

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: ccashion@spdmail.spd.dsccc.com (Charles Cashion)
Subject: [3458] nibblers!!!
Message-ID: <9608201642.AA02933@sun1055.spd.dsccc.com>

In the first 15 minutes, I have received at least ten answers to the question, " ...are nibblers still sold?"

I guess I have asked the wrong places.
This group is great.
72s,
charles (if i grow up i wanna be a ham) cashion
W5ISZ
--

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: w7ls@brigadoon.com
Subject: [3436] NVIS antenna tests?
Message-ID: <199609010606.XAA29996@olympic.brigadoon.com>

Hi, gang. I am interested in swapping stories about NVIS (Near Vertical Incidence Skywave) antennas and performance. I am tinkering with 80 and 160 for local area emergency communications for our 911 system. This relates to qrp also, since I want to use qrp for the radios. This is because qrp does not burden the communications operation with difficult power supply requirements. Heck, I can run a qrp rig for days on a pocket full of D cells.

Anyone fiddling with local area communications with qrp? I'm talking 0 miles to 50 miles or so, without ANY skip holes. Antennas are very low, about 10 feet or less. Easy to toss up.

Anyway, standing by for your ideas. 73 de Jim, W7LS

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: ka0yos@arn.net
Subject: [3459] QRP Afield

Message-ID: <199609020310.WAA23153@arnet.arn.net>

Could it be? Yes, I think so, please listen for the Texas panhandle with a 10 area call. KA0YOS to be exact. We are going to give this a try! Please be gentle this is my first QRP contest, and be prepared to SLOW DOWN!

72,
Joe ka0yos

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: harry.bump@hamdata.leba.net (Harry Bump)
Subject: [3450] QRP Afield and Cascade
Message-ID: <841611837@hamdata.leba.net>

Hi Gang,

The 'East Coast' will be represented in the QRP Afield on Sept 21st - at least on 20 meter cw. I'll be operating 'afield' from the Middlecreek Wildlife Project area in central Pennsylvania using an NN1G rig on 20 meters.

The Cascade project has been reluctantly shelved for most of the summer. Had hoped to have it operational before Labor Day (but that's tomorrow). There's just too much to do to get it finished.... I'm just ready to begin winding those toroids for the band boards. The problem has been time; the rig has been a pleasure to work with so far (knock on wood) and it looks like it'll be a nice addition to my portable/mobile capable station.

Anyway, no lighthouse, but lots of ducks here. Will enjoy listening for those of you who find your way into those lofty towers!

73,

Harry, KM3D

... 24 hours in a day...24 beers in a case...coincidence?

___ Blue Wave/QWK v2.20

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [3440] QRP CLUB ADDRESSES
Message-ID: <19960901.075550.4583.5.n4so@juno.com>

I NEED THE FOLLOWING QRP CLUB ADDRESSES AND CLUB MEMBERSHIP INFO
QRP CLUBS

NORTHERN CALIFORNIA QRP CLUB NEW ENGLAND QRP CLUB COLORADO QRP
CLUB NORTHWEST QRP CLUB ST. LOUIS QRP SOCIETY N4SO
KEN

n4so@juno.com

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [3454] QRP CLUB INFO
Message-ID: <19960901.195424.7207.8.n4so@juno.com>

QRP CLUB INFO 9/1/1996

This is an edited version of the file qrp-info.txt found on the
ARRL Bulletin Board system.

Newsgroups: rec.radio.amateur.misc
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: QRP ARCI

The QRP ARCI (Amateur Radio Club International), a worldwide club
for QRP'rs publishes a quarterly journal called the QRP QUARTERLY.
the club promotes QRP contests, experimentation, etc. membership
doesn't prevent you from owning and operating high power rigs, etc.

QRP, as defined by the club, is 5 watts out for CW and 10 watts out
for SSB and other modes.

Membership is \$12/yr and available by writing to:

Mike Kilgore, KG5F
2046 Ash Hill Rd
Carrollton, TX 75007

Other QRP clubs are:
NE QRP Amateur Radio CLUB
William Mc Nally, AE1D
7 Blueberry Road
Windham, NH 03087

*** (for new memberships only) ***

Michigan QRP Club
PO Box 80804
Lansing, MI 48908-0804 and dues are \$7/yr

G-QRP Group, United Kingdom group
Luke Dodds, W5HKA
2852 Oak Forest
Grapevine, TX 76051 \$12/yr membership dues.

Colorado QRP Club
P.O. Box 371883
Denver, CO 80237-1883
\$10.00/yr

NW QRP Club
Bill Todd, N7MFB
P. O. Box 354
Bay Center, WA 98527
n7mfb@juno.com

NorCal
Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

QRPP \$10.00/yr subscription to journal QRPP and the
check made out to Jim and not to Norcal.

This posting not an advertisement for the above (flame suit on). Just
posting for information for those who don't have it readily available.

The members and HQ staff would like to thank the following people for
their contributions to this information file:

K5FO

Send any additional information or changes to mtracy@arrl.org.

73 from ARRL HQ.
N4SO

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996

From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [3452] Radio Modifications
Message-ID: <19960901.182543.7695.2.kb0rol@juno.com>

Gang,

I have one of those artsci "Radio/Tech Modifications & Alignment Controls" books. Has anyone out there used one?

The directions are fairly clear for the mod on my Alinco DJ-180T - remove battery, remove four screws - be careful not to break the battery plate wires, Cut the PINK wire (only PINK wire in the radio), reassemble the unit and reset the microprocessor (Press and hold lamp button while you turn the unit on).

Ok I can do that, but WHAT will I do IF I do that? No where does it tell me what changes I made. Do I now have the capability to contact the Klingons, Will I now operate sideband What??? Does anyone out there know?

How about does anyone know the EMAIL address for ARTSCI? Maybe they can tell me. Maybe not. but I'm not sure if I would recommend this book for anyone, not enough information spelled out. I know they don't want any responsibility but with out knowing at least what you are trying to achieve I don't think its worth the risk or money to buy the book.

Thank You

Brad Mugleston - KB0ROL
Colorado QRP Club #170, QRP-L # , ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [3462] Radio Modifications
Message-ID: <19960901.213700.7695.4.kb0rol@juno.com>

Gang,

Its Sunday night (9:30 pm local) and I just sent out a request for help while I was waiting for my wife to come home. Now about an hour later I got on to send my brother a message and guess what - THIS great group had already generated THREE responses to my question.

Thanks guys.

BTW - no one knows for sure but they think cutting my pink wire would give me transmit capabilities to all frequencies that I have receive on (130-174MHz). It was also pointed out to check www.qrz.com and their mod section. Will try that later.

Thanks Again

de

Brad Mugleston - KBØROL
Colorado QRP Club #170, QRP-L # , ARRL
QTH - Aurora, CO - DM79oq
KBØROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: BParkes@aol.com
Subject: [3457] Repeats
Message-ID: <960901223619_399184973@emout07.mail.aol.com>

I'm not sure if it is a QRP-L glitch or an AOL one that keeps sending me 12 msgs from 23 Aug. It starts with 30 mtr Dx and ends with KC-2 ect. If not a QRP-L problem sorry for the time I have used.

On the other hand, Tnx for the info on the Wal Mart pwr pack. Here they are \$15 and they have abt 6 left.

73 BRUCE KA2ZGW

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [3437] Swap Meet
Message-ID: <19960901.001622.18295.2.sigcom@juno.com>

I went to the TRW swap meet in Torrance, CA today (Sat.). Picked up a 40 meter receiver kit from Roger, K6LMN. It's a SSB superhet; 602 VFO/mix., 1- pole xtal filter, 602 BFO/prod. det., 386 audio amp. The kit includes a P.C. board, all the board mounted components including sockets for the I.C.'s, and the VFO and vol. pots. \$20.00. He also makes kits for 30 and 20 meters, same layout. I'm going to try to get it built and tested this weekend. I'll let you know how it works out. I don't know if Roger sells these mail order or only at the local meets. His phone # is

published: 310-474-2447. (usual disclaimer).

I also bought an old SB-33 for \$10.00 (I know, I know.). It doesn't work, of course, but I did get a copy of the manual. A cursory inspection shows the oscillators are running and it makes some noise, but some of the transistors are missing and that's about all it does. I thought that if I could get the low level stages working, I could junk the tube driver and final and build a solid state QRP P.A. section. Does anybody out there have any experience with these beasts, especially with replacing the old "geranium" xistors with silicon? Any help would certainly be appreciated.

Also, I'm looking for a copy of the 5th edition of the ARRL "Single Sideband for Radio Amateurs" manual.

Thanks & 73.....Steve, WB6TNL

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: Paul Stroud <aa4xx@ipass.net>
Subject: [3447] Wanted: Your QSL Card
Message-ID: <3229E3F8.67BA@ipass.net>

Hi Gang,

I recently received a neat QSL card from Dennis Marandos, K1LGQ, which was created in pen and ink by one of his former students. This card got me to wondering if I could come up with something more creative for my own use. I'd like to ask those of you who have designed your own cards to send a sample my way. Please stipulate if it would be OK to use your card in a forthcoming article for the NEQRP Newsletter and to include it on the Knightlite's Webpage. The cards need not be sophisticated. Absolutely any design would be welcome.

I can handle most common graphics formats, so you can send the QSL as a graphics file, attached to an email message to aa4xx@ipass.net
Or, if more convenient, just mail it to:
Paul Stroud 1318 Alderman Circle Raleigh, NC 27603

Thanks es 72,
paul AA4XX

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [3446] Web Page

Message-ID: <199609011808.TAA27990@mail.enterprise.net>

Latest addition:

Regen receiver - good project.

--

Frank G3YCC

Ham Radio QRP Web Page:

<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996

From: Vic Simpson <vsimpson@boco.demon.co.uk>

Subject: [3438] Re: G5RV vs 40M dipole

Message-ID: <V5dwgWAc1VKyEwR5@boco.demon.co.uk>

In message <Pine.SOL.3.94.960831193408.13113A-100000@utkux4.utcc.utk.edu>, "L. B. Cebik" <cebik@utkux.utcc.utk.edu> writes

>Matching, yes, in accord with my previous note. Gain, no, or no better
>than any other 102' centerfed piece of wire at the same height. The 102'
>piece of wire at a given height has a gain in dBi above that of a
>half-wave 20' dipole simply because it is longer, but not as high as a
>full wave centerfed wire or a 1 1/4 wavelength centerfed piece of wire
>(the Extended Double Zepp). The gain over a half wavelength dipole is
>not exceptionally high--less than a dB.
>

That rings a bell. I did spend a season four years ago using a double extended Zepp. It was useful but not exceptionally gainy. The following season I experimented with a top 3.5 20m wavelengths long, fed by open wire feeders of an appropriate length. (Inv V, mounted on a 45' non conductive mast.)

If it was a simple 'deathray' , it was pointed at the Pacific, where I did quite well. Elsewhere it was spectacularly useless. I went back to the G5RV, since I love working into EU.

It has been pointed out to me that Orr and Cowan (W6SAI and W2LX) published totals of "Entire top length + length of open wire feeder" of 110', 133', 177' and 212' in their book. Seemingly these combinations of top plus feeder will be matchable with most antennas. (I'm in a bind in that these are not lengths I remember, but I am blown if I can recall the original source.)

I would never expect much gain from single element antenna; however if a specific combination of top length, feeder length and height above ground pushes out lobes in useful directions, who am I to complain?

I must keep scratching around the junkpile until I find G5RV's original paper and the subsequent followup 'G5RV revisited'. I *know* it is around here somewhere.....anyone got a garden fork?

73 de G0BVZ, Vic

RSGB G-QRP AGCW ARCI(When I remember to renew!) SCAG DIG

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996

From: "J. Skalski" <jskalski@acsu.buffalo.edu>

Subject: [3444] Re: keyers

Message-ID: <Pine.GS0.3.93.960901122629.20000A-100000@lictor.acsu.buffalo.edu>

The CMOS Superkeyer III is the best value on the market today.

It is the most versatile, full featured keyer.

It does everything except copy the morse and log the QSO.

73,

Jim N2GO

The Buffalo QRP CONNECTION

ARCI #9013 QRP-L #381

jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996

From: "Brian K. Short" <ke7gh@primenet.com>

Subject: [3445] RE: keyers

Message-ID: <01BB9822.FAE14D40@ip183.phx.primenet.com>

The super CMOS II or III kits from Idiom Press simply and plainly cannot be beat. Small, low drain, versatile, emulate every other keyer...

ke7gh@primenet.com

<http://www.primenet.com/~ke7gh>

majordomo@primenet.com subscribe bitbucket

From: Bob Hirsch[SMTP:bobh@p3.net]

Sent: Sunday, September 01, 1996 17:21 PM

Subject: keyers

>>I too am looking for an external keyer. I'm soliciting

>>comments, likes, dislikes, ideas, thoughts.

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: PDouglas12@aol.com
Subject: [3448] Re: keyers
Message-ID: <960901161934_398983072@emout15.mail.aol.com>

Gang:

I second the motion on the CMOS III. For external keyers, there nothing (IMHO) that touches the CMOSIII by Idiom Press--their ad can be found in any current QST. You have to build it and put it in your own case, but it is a great value. If you are even a casual cw contester, it is indispensable.

And for everyday use it is a great convenience. 18 memories are more than you may ever need, and it has very flexible iambic programming to suit anyone who may have become used to older systems. And it is cheap! Can't say enough. Nope, I don't own stock in the company or even know the proprietors.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [3441] Re: NVIS antenna tests?
Message-ID: <199609011439.KAA130905@nss2.CC.Lehigh.EDU>

>Hi, gang. I am interested in swapping stories about NVIS (Near Vertical
>Incidence Skywave) antennas and performance.

> Anyone fiddling with local area communications with qrp? I'm talking
>0 miles to 50 miles or so, without ANY skip holes. Antennas are very low,
>about 10 feet or less. Easy to toss up.

> Anyway, standing by for your ideas. 73 de Jim, W7LS

>

Hello Gang,

I have been trying to drum up some interest in this all summer. I think that when the nice weather decides to leave us and it is more comfortable inside, then I may get better results. Here 80 is a great band nice and quite but that is of course always subject to thunder storm activity.

When it's quite, it's great, but when it's not, I might as well mow the lawn.

Good Luck

73

de AA1IK
Ernie

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: JCoote@aol.com
Subject: [3460] Re: NVIS antenna tests?
Message-ID: <960901232620_469973795@emout16.mail.aol.com>

In a message dated 96-09-01 02:08:03 EDT, w7ls@brigadoon.com writes:

<< Hi, gang. I am interested in swapping stories about NVIS (Near Vertical Incidence Skywave) antennas and performance. I am tinkering with 80 and 160 for local area emergency communications for our 911 system. This relates to qrp also, since I want to use qrp for the radios. This is because qrp does not burden the communications operation with difficult power supply requirements. Heck, I can run a qrp rig for days on a pocket full of D cells.

Anyone fiddling with local area communications with qrp? I'm talking 0 miles to 50 miles or so, without ANY skip holes. Antennas are very low, about 10 feet or less. Easy to toss up.

Anyway, standing by for your ideas. 73 de Jim, W7LS

>>

Jim and the Group,

I work for a city PD and my city is all for disaster communications. Our Hamwatch group has helped during quakes, brushfires, riots and other fun

stuff.

We have used NVIS practices for mobile HF communications. For a special event, we had to set up a net between Las Vegas NV, Arcadia CA and a moving vehicle anywhere from 0 to 120 miles from Vegas. For our 0-300 mile distances, "ordinary" ham bands and antennas were inappropriate. Our base in Arcadia used a Barker & Williamson AC 1.8-30 (An allband antenna similar to T2FDs). In our CP in a 14th floor Hotel room we could not run a horizontal wire so used an insulated 12 foot mast to get 100 feet or so of wire out and away from the building. The antenna was fed with an automatic wire tuner. The mobile used two switchable whips. We had some Mobile Mark helical whips for 160 and 80 as well as some Hustler KW whips for 80 and 40. Our mobile antenna was laid back at 45 degrees in hopes of getting more signal aimed up at high angles. Between 40, 80 and 160 we were able to make contact.

The AC 1.8-30 and other 'baby half rhombic' or T2FD designs are not efficient between 2 and 7 Mhz but they do work. In an EOC situation there is no time waste, confusion or smoke as with volunteers training on a manual tuner.

In some NVIS situations you may need to run 100 watts (booo!). Sometimes NVIS antennas are not as efficient as a maximized NVIS antenna (1/4 wave above ground). The AC 1.8-30 and other mil or commercial T2FD antennas may only be 15-50% efficient below 7 Mhz.

The military uses 15 to 30 watt HF packsets with whip (local/DX only) or wire (NVIS) antennas with good results. I have also set my EOC base station to 3 watts in the packet and pactor modes, then set my van HF to 3 watts.... I drove around in the mobile data mode using 160 meters. Both radios were IC-735s (QRP mod) and the TNCs were KAMs. Not too bad considering 160, 3 watts, mobile and data modes.

I think the best field antenna for NVIS would be a horizontal end- or center-fed wire.

For best 2-10 MHz NVIS, I would position the wire no higher than 25-30 feet.

If you use more spacing than 1/4 wave AGL, then the antenna pattern will have that "hole" above it. The antenna length is not critical- the typical "free space" patterns of wires and dipoles are changed and N/S/E/W orientation is not critical. For best antenna efficiency, the doublet should have legs of 1/4, or at least 1/8 wavelength on the lowest band used (again, exact length is not critical).

Yes, you can have NVIS antenna much lower than 25-30 feet and they will still work, just with a little less efficiency. NVIS antennas have been strung between trucks, cars, road signs and duct-taped to a row of rubber traffic cones! In my personal vehicle (full-size van) I use an AH-2 automatic whip/wire tuner. I sometimes remove the whip and attach a 50 foot or 100 foot wire from the whip ball mount and tied off at a nearby tree. I've made

plenty of NVIS contacts on 160-80-40 and other contacts around the US on the higher bands with the low wire antenna.

I've also fiddled with pactor, packet and GTOR on 80 and 160 meters. The (dual port) TNC was set up so that locals on VHF packet could cross over to 80 (or 160) and those on HF could cross over to VHF. I did not generate much interest in low-bands-as-digital-NVIS-gateways perhaps 'cause many digi-heads prefer the "same old" stuff on 10 and 20 meter packet (or they are all QRMing 14.060?... heh heh). I ran a few tests with other digital hams on 80 and 160 and the gateway idea did work and did cover a wide area with the best of both worlds... VHF packet and node-hopping plus HF packet and NVIS.

160-80-40 are the way to go for that extra disaster coverage not provided by repeaters. An NVIS antenna down in a canyon (and good choice of bands) will get you out when 2 meters is just a brick you have to carry.

73, Jay
WB6AAM
(Arcadia PD Hamwatch)

From owner-qrp-l@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: Jim Eshleman <lujce@hooch.cc.lehigh.edu>
Subject: [3456] Re: QRP CLUB INFO
Message-ID: <96Sep1.223328-0400edt.65735-18193+248@hooch.CC.Lehigh.EDU>

> QRP CLUB INFO 9/1/1996
> This is an edited version of the file qrp-info.txt found on the
> ARRL Bulletin Board system.
[...]

These files are WAY out of date, and probably always will be, as this phase of our hobby grows so quickly and changes rapidly. More recent information can be had from <http://qrp.cc.nd.edu/qrp-l> or via the list server. Check-out the QRP-L welcome message (the one you get when you subscribe) for details or get another copy by sending the following command, in the body of an e-mail, to listserv@Lehigh.EDU:

GET QRP-L WELCOME.TXT

For a clubs list:

GET QRP-L/CLUBS CLUBLIST

I know Mike Bryce's (QRP ARCI) address has changed recently but don't have it handy. Could someone repost it again?

73

Jim N3VXI

From owner-qrp-1@Lehigh.EDU Sun Sep 1 23:12:03 1996
From: jim seeber <kw3u@warwick.net>
Subject: [3455] Re: Trail Friendly Radios - the concept (long)
Message-ID: <322A60CB.7CB5@warwick.net>

Bill Jones wrote:

>
> A short while back Richard Fisher, KI6SN, (on behalf of the Adventure Radio
> Society) issued a challenge to design a "Trail Friendly Radio" . Having
> spent a fair amount of time operating portable QRP rigs in the woods myself,
> I gave the idea a lot of thought. I concluded that "Trail Friendly" may
> mean different things to different people. Let me explain.
>
> My style of portable operation usually means driving to the mountains and
> setting up the rig on a picnic table in a campground. Normally I don't hike
> several miles into the wilderness with a heavy backpack. That means my TFR
> rig doesn't necessarily have to fit inside an Altoids box. It does have to
> be rugged, however, to survive the rigors of tent camping for a week. It
> also has to work well throughout fairly wide temperature excursions.
>
> There are others who aren't happy unless they're at least a dozen miles from
> any other human being and clinging tenaciously to the side of a volcano. To
> them, an ideal TFR rig would probably be extremely light weight, small, easy
> on batteries and totally self-contained.
>
> Another type of Trail Friendly Radio might be more at home sitting on the
> nightstand in a Holiday Inn. Many business travelers would prefer a good CW
> QSO rather than watching a vintage movie on HBO at the end of a hectic day.
> In this case a TFR rig might be powered from an a.c. supply. It would
> probably need a transmatch in order to deliver power to a short length of
> wire strung along a curtain rod. It wouldn't have to deal with dust,
> moisture or wide temperature excursions, however.
>
> Now I'd like to hear from you. What kind of Trail Friendly Radio is best
> for your type of operation in the field? Should it be the size of a postage
> stamp without any bells or whistles? Or, would it be better to be totally
> self-contained including batteries, transmatch and keyer, even if it would
> be a bit bigger in size? Does it need to be water proof, dust proof and
> child proof? Does it have to be built like a tank?

>
> I will compile any responses I receive and post the results to the list.
>
> =====
> Bill Jones - KD7S <><
> Sanger, California
> Reply to kd7s@psnw.com
> =====

Ok hi Bill. well I think from my limited experience's that most
new low end rigs (ic-725, ft747,ts-xxx) are neat for picnic tables
and a battery run at about 20 watts out or less(of course).
other wise I like putting out in the summer a hw-8 or my
OHR sprint on 40m. also have the ohr for 20. and just picked
up the argonaut 505. all rigs are happy with regular 12v trailer
batts or two 6v lantern types. A random wire with an mfj tuner
and the indispensable OHR qrp wattmeter rounds out the EQ.
Take them all in the car and play it by ear, they certainly don't
eat up much extra room. my 2 cents & please straight keys only
and send with ur own distintive character, in short time op's
will know ur key before u sign. 72/73 Jim
kw3u